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- ☐ 1. Disk dual copy methods and their performance
 Dishon, Y.; Liu, T.S.;
Fault-Tolerant Computing, 1988. FTCS-18, Digest of Papers., Eighteenth Inter Symposium on
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 Mecozzi, D.; Minton, J.;
Mass Storage Systems, 1991. Digest of Papers., Eleventh IEEE Symposium o
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- ☐ **1. A Distributed Object Tracing System**
 Ke Zhou; Chun-hua Li; Feng, D.; Yang Wang; Liang Lu; Yong-guang Ji;
Networking, Architecture, and Storages, 2006. NAS '06. International Worksho
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[AbstractPlus](#) | Full Text: [PDF\(83 KB\)](#) IEEE CNF
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- ☐ **2. Lucky Read/Write Access to Robust Atomic Storage**
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Dependable Systems and Networks, 2006. DSN 2006. International Conferenc
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 Subramonian, R.;
Computing and Information, 1992. Proceedings. ICCI '92., Fourth International
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- ☐ 1. **A low power flash ADC system with fast data compression ASIC for a bal experiment**
 Matsui, N.; Anraku, K.; Imori, M.; Nakazawa, S.; Toki, Y.;
[Nuclear Science, IEEE Transactions on](#)
 Volume 50, Issue 4, Part 1, Aug. 2003 Page(s):1214 - 1219
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[AbstractPlus](#) | [References](#) | Full Text: [PDF\(478 KB\)](#) IEEE JNL
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- ☐ 2. **A Distributed Object Tracing System**
 Ke Zhou; Chun-hua Li; Feng, D.; Yang Wang; Liang Lu; Yong-guang Ji;
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- ☐ 4. **An intelligent prefetching strategy for a data grid prototype system**
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- ☐ 5. **Real-time analysis in CMS Data Challenge 2004**
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☐ **7. 1-GHz fully pipelined 3.7-ns address access time 8 k×1024 embedded synchronous DRAM macro**

Takahashi, O.; Dhong, S.H.; Ohkubo, M.; Onishi, S.; Dennard, R.H.; Hannon, I.; Iyer, S.S.; Wordeman, M.R.; Davari, B.; Weinberger, W.B.; Aoki, N.;
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[Parallel and Distributed Systems, 2005. Proceedings, 11th International Conference on](#)
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Vishakhadatta, G.; Croman, R.; Goldenberg, M.; Hein, J.; Katikaneni, P.; Kuai, Tesu, I.; Trujillo, R.; Zhang, L.; Anderson, K.; Behrens, R.; Bliss, W.; Du, L.; Du, G.; Foland, W.; Kastner, M.; Li, Q.; Mitchem, J.; Reed, D.; She, S.; Spurbeck, J.; Tran, H.; Wei, M.; Zook, C.;
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Dearle, A.; Hulse, D.;
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IEEE STD IEEE Standard

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 Thurston, A.M.;
3G Mobile Communication Technologies, 2000. First International Conference
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- ☐ 1. **Ultra fast synchronized symbol timing recovery**
 Huajing Fu; Feher, K.;
Consumer Electronics, 1995., Proceedings of International Conference on
 7-9 June 1995 Page(s):156 - 157
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- ☐ 2. **Optical clock recovery circuits using traveling-wave electroabsorption m-
ring oscillators for 3R regeneration**
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 Barnsley, P.E.; Wickes, H.J.; Wickens, G.E.; Spirit, D.M.;
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- ☐ **13. Self-Recovering Equalization and Carrier Tracking in Two-Dimensional D
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- ☐ **20. Synchronization of multimedia data for a multimedia news-on-demand ap**
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- ☐ **21. A CMOS high-speed data recovery circuit using the matched delay samp**
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- ☐ **22. Monitoring activities from multiple video streams: establishing a commo**
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- ☐ **23. Evaluation of force-sensing resistors for gait event detection to trigger el**
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Smith, B.T.; Coiro, D.J.; Finson, R.; Betz, R.R.; McCarthy, J.;
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Inventor: SCHUPPER SANFORD B (US); SCHUPPER CARRIE A (US) Applicant: WINGSPAN INVEST PARTNERS I LLC
EC: IPC: **G06F17/00; G06F17/00**
Publication info: **US2006178766** - 2006-08-10
- 2 Retention of functionality and operational configuration for a portable data storage drive**
Inventor: WILSON CHRISTOPHER S (US) Applicant:
EC: IPC: **G06F15/167; G06F15/16; G06F15/16**
Publication info: **US2006173969** - 2006-08-03
- 3 METHOD AND APPARATUS FOR ENABLING HIGH-RELIABILITY STORAGE OF DISTRIBUTED DATA ON A PLURALITY OF INDEPENDENT STORAGE DEVICES**
Inventor: LINDENSTRUTH VOLKER (DE); WIEBALCK ARNE (DE) Applicant: CERTON SYSTEMS GMBH (DE)
EC: G06F11/10M IPC: **G06F11/10; G06F11/00; G06F11/22 (+5)**
Publication info: **EP1685489** - 2006-08-02
- 4 Mixed-signal single-chip integrated system electronics for data storage devices**
Inventor: NEMAZIE SIAMACK (US); POPAT KAUSHIK (US); (+6) Applicant:
EC: IPC: **G06F13/00; G06F13/00**
Publication info: **US2006161703** - 2006-07-20
- 5 Method and apparatus for reconstructing data in object-based storage arrays**
Inventor: KITAMURA MANABU (US) Applicant:
EC: IPC: **G06F11/00; G06F11/00**
Publication info: **US2006156059** - 2006-07-13
- 6 Data storage system having an improved memory circuit board configured to run scripts**
Inventor: CHILTON KENDELL A (US) Applicant: EMC CORP (US)
EC: IPC: **G06F9/30; G06F12/00; G06F9/30 (+1)**
Publication info: **US7076636** - 2006-07-11
- 7 Storage system and method for handling bad storage device data therefor**
Inventor: HUNG CHING-HAI (TW) Applicant:
EC: IPC: **G06F11/00; G06F11/00**
Publication info: **US2006149999** - 2006-07-06
- 8 Data storage management for flash memory devices**
Inventor: BARFUSS DALE C (US); NAGARAJAN SURESH (US) Applicant:
EC: IPC: **G06F12/00; G06F12/00**
Publication info: **US2006149893** - 2006-07-06
- 9 Fixing apparatus for data storage devices**
Inventor: LI DING-FANG (CN); LIN YANG-MING (CN) Applicant: HON HAI PREC IND CO LTD (TW)
EC: IPC: **(IPC1-7): H05K7/12**

Publication info: **TW269692Y** - 2005-07-01

10 Storage system and data relocation control device

Inventor: TAKAHASHI TORU (JP); AOSHIMA TATSUNDO Applicant:
(JP); (+4)

EC:

IPC: **G06F12/00; G06F12/00**

Publication info: **US2006143418** - 2006-06-29

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data and storage in the title AND **devices** in the title or abstract
 Only the first **500** results are displayed.
 (Results are sorted by date of upload in database)

- 11 Storage unit comprising a main data carrier and a contactless chip**
 Inventor: KAHLMAN JOSEPHUS ARNOLDUS H M (NL); LUITJENS STEVEN B (NL) Applicant: KONINKL PHILIPS ELECTRONICS NV (NL)
 EC: G06K7/00E; G06K19/04; (+1) IPC: **H04M1/00; G06K7/00; G06K19/04** (+5)
 Publication info: **US2006135207** - 2006-06-22
- 12 Enhanced data storage and retrieval devices and systems and methods for utilizing same**
 Inventor: BROOKS JULIANA H J (US); MORTENSON MARK G (US) Applicant:
 EC: IPC: **G11B5/09; G11B5/09**
 Publication info: **US2006132952** - 2006-06-22
- 13 Method and system for accessing auxiliary data in power-efficient high-capacity scalable storage system**
 Inventor: LE KIM B (US); COUSINS JEFFREY (US); (+1) Applicant: COPAN SYSTEMS INC (US)
 EC: G06F1/32P IPC: **G06F13/00; G06F1/26; G06F1/28** (+7)
 Publication info: **US2006136684** - 2006-06-22
- 14 Method and system for tracking and monitoring status of data storage subsystem components**
 Inventor: COX AARON R (US); KISLEY RICHARD V (US); (+1) Applicant: IBM (US)
 EC: IPC: **G08B13/14; G08B13/14**
 Publication info: **US2006132310** - 2006-06-22
- 15 Variable mode multi-media data object storage device**
 Inventor: ANTOPIO FRANKLIN P (US); JHA SANJAY (US) Applicant: QUALCOMM INC (US)
 EC: G11B19/26 IPC: **G11B20/10; G11B19/26; G11B20/10** (+2)
 Publication info: **TW234764B** - 2005-06-21
- 16 Network system e.g. storage area network system, reliability verifying medium, has program determines that system has redundant connection, if redundant path, found by producing verification data, is found corresponding to verification path**
 Inventor: HAMAGUCHI SHINJI (JP); FUJIMOTO FUMIKAZU (JP); (+7) Applicant: FUJITSU LTD (JP)
 EC: IPC: **H04L12/26; H04L12/24; H04L12/24** (+1)
 Publication info: **DE102005017272** - 2006-06-29
- 17 Data allocation in a distributed storage system**
 Inventor: ZOHAR OFIR (IL); REVAH YARON (IL); (+2) Applicant:
 EC: G06F17/30N IPC: **G06F12/00; G06F17/30; G06F12/00** (+1)
 Publication info: **US2006129783** - 2006-06-15
- 18 System and method for determining workload characteristics for one or more applications operating in a data storage environment with ability to control grouping**
 Inventor: ZAHAVI WILLIAM (US) Applicant: EMC CORP (US)
 EC: IPC: **G06F12/02; G06F12/02**
 Publication info: **US7065624** - 2006-06-20
- 19 Method and devices for storing and reading data on a storage medium having different file systems and storage medium**

Inventor: SCHOLL GERRIT J; TOL RONALD M**Applicant:** KONINKL PHILIPS ELECTRONICS NV**EC:** G06F17/30F; G11B20/12D6; (+2)**IPC:** **G06F12/00; G06F17/30; G11B20/12** (+10)**Publication info:** **AU2002253442** - 2002-11-05**20 High bandwidth data transfer to and from rotating data storage devices****Inventor:** HILLIS W D (US); HYDE RODERICK A (US); **Applicant:**

(+4)

EC:**IPC:** **G11B15/12; G11B21/02; G11B15/12** (+1)**Publication info:** **US2006119968** - 2006-06-08

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Approximately **1889** results found in the Worldwide database for:
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 Only the first **500** results are displayed.
 (Results are sorted by date of upload in database)

- 21 Cross-point nonvolatile memory devices using binary metal oxide layer as data storage material layer, and methods of fabricating the same**
 Inventor: BAEK IN-GYU (KR); LEE MOON-SOOK (KR) Applicant: SAMSUNG ELECTRONICS CO LTD (KR)
 EC: IPC: **G11C16/02; H01L45/00; G11C16/02 (+1)**
 Publication info: **GB2421116** - 2006-06-14
- 22 Applications of acoustic waves in data storage devices**
 Inventor: KINO GORDON S (US) Applicant: TERAATOR CORP A DELAWARE CORP
 EC: G11B7/12C IPC: **G11B3/58; B08B3/00; G11B7/08 (+15)**
 Publication info: **US2006117335** - 2006-06-01
- 23 Data storage system**
 Inventor: CHIEN HUNG-MING (TW); KUO SY-YEN (TW) Applicant:
 EC: IPC: **G06F11/00; G06F11/00**
 Publication info: **US2006117217** - 2006-06-01
- 24 Data storage system and data storage control device**
 Inventor: OHARA SHIGEYOSHI (JP); MASUYAMA KAZUNORI (JP) Applicant: FUJITSU LTD (JP)
 EC: IPC: **G06F13/28; G06F13/20**
 Publication info: **US2006117159** - 2006-06-01
- 25 Systems and methods for reducing unauthorized data recovery from solid-state storage devices**
 Inventor: MERRY DAVID E JR (US); HAJECK MICHAEL J (US) Applicant:
 EC: IPC: **G06F11/00; G06F1/26; G08B13/00 (+7)**
 Publication info: **US2006117393** - 2006-06-01
- 26 A log-structured write cache for data storage devices and systems**
 Inventor: HETZLER STEVEN ROBERT (US); SMITH DANIEL FELIX (US) Applicant: IBM (US)
 EC: G06F12/08B2; G06F12/08B12 IPC: **G06F11/10; G06F3/06; G06F12/08 (+6)**
 Publication info: **TW233552B** - 2005-06-01
- 27 Application transparent autonomic data replication improving access performance for a storage area network aware file system**
 Inventor: MCBRIDE GREGORY E (US); LE CUONG M (US); (+1) Applicant:
 EC: IPC: **G06F12/00; G06F12/00**
 Publication info: **US2006112242** - 2006-05-25
- 28 Storage of trace data within a data processing apparatus**
 Inventor: MCHALE DAVID F (GB); VARMA RAHOUL K (GB); (+3) Applicant: ADVANCED RISC MACH LTD (GB)
 EC: IPC: **G06F11/00; G06F11/00**
 Publication info: **US2006112310** - 2006-05-25
- 29 Methods of programming non-volatile memory devices including transition metal oxide layer as data storage material layer and devices so operated**
 Inventor: LEE MOON-SOOK (KR); BAEK IN-GYU (KR) Applicant:
 EC: IPC: **H01L27/108; G11C11/00; H01L21/8242 (+3)**
 Publication info: **US2006108625** - 2006-05-25

**30 MECHANISM FOR SEARCHING FOR SELECTED RECORDS IN
RANDOM ACCESS STORAGE DEVICES OF A DATA PROCESSING
SYSTEM**

Inventor: ROOSSIEN JOHN W; EVANS JAMES R

Applicant: IBM

EC:

IPC:

Publication info: CA931269 - 1973-07-31

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31 Data protection in a mass storage system

Inventor: ZOHAR OFIR (IL); REVAH YARON (IL); (+3) Applicant:

EC:

IPC: **G06F11/00; G06F11/00**

Publication info: **US2006107097** - 2006-05-18

32 Data on demand using a centralized data storage device

Inventor: MA KENNETH (US)

Applicant:

EC:

IPC: **H04N7/173; H04N7/18; H04N7/173** (+1)

Publication info: **US2006107293** - 2006-05-18

33 Methods of reading data including comparing multiple measurements of a characteristic of a data storage element and related devices

Inventor: JEONG WON-CHEOL (KR); PARK JAE-HYUN (KR) Applicant:

EC:

IPC: **G11C7/06; G11C7/06**

Publication info: **US2006098498** - 2006-05-11

34 Cross-point nonvolatile memory devices using binary metal oxide layer as data storage material layer and methods of fabricating the same

Inventor: BAEK IN-GYU (KR); LEE MOON-SOOK (KR) Applicant: SAMSUNG ELECTRONICS CO LTD

EC:

IPC: **H01L21/82; H01L27/10; H01L21/70** (+1)

Publication info: **US2006097288** - 2006-05-11

35 DATA STORAGE DEVICES

Inventor: GARDNER PETER A E; HALLETT MICHAEL H Applicant: IBM

EC:

IPC:

Publication info: **CA850807** - 1970-09-01

36 Method, system and devices for wireless data storage on a server and data retrieval

Inventor: SATORU YUKIE; GINA C EUBANKS; (+1) Applicant: SONY CORP AMERICA

EC: **H04W2/00; H04L12/56B**; (+1)

IPC: **H04L12/56; H04L29/08; H04L12/56** (+2)

Publication info: **AU3807301** - 2001-08-20

37 MAGNETIC CORE MATRIX DATA STORAGE DEVICES

Inventor: SHERLOCK JAMES F; RANKIN KENNETH F Applicant: AUTOMATIC TELEPHONE AND ELECTR

EC:

IPC:

Publication info: **CA796893** - 1968-10-15

38 Data processing system and storage subsystem provided in data processing system

Inventor: SUZUKI TORU (JP); HIRAKAWA YUSUKE (JP); Applicant: HITACHI LTD (JP) (+2)

EC: **G06F17/30C**

IPC: **G06F17/30; G06F17/30**

Publication info: **US2006095482** - 2006-05-04

39 STORAGE SYSTEM AND DATA RELOCATION CONTROLLER

Inventor: TAKAHASHI TORU; AOSHIMA TATSUTO; Applicant: HITACHI LTD (+4)

EC:

IPC: **G06F3/06; G06F12/00; G06F3/06** (+1)

Publication info: **JP2006099748** - 2006-04-13

40

IMAGE PROCESSOR, DATA MANAGEMENT METHOD, COMPUTER READABLE STORAGE MEDIUM WITH PROGRAM STORED, AND

PROGRAM

Inventor: MATSUMURA TAKESHI

Applicant: CANON KK

EC:

IPC: *G06F21/24; H04L9/32; H04N1/21* (+3)

Publication info: **JP2006099512** - 2006-04-13

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RESULT LIST

4 results found in the Worldwide database for:

storage and devices in the title AND **synchronously** in the title or abstract

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1 Apparatus and method to provide information to multiple data storage devices

Inventor: MICKA WILLIAM F (US); WERNER SAM C (US)

Applicant: IBM (US)

EC:

IPC: **G06F17/00; G06F17/00; (IPC1-7): G06F17/00**

Publication info: **US2005027737** - 2005-02-03

2 Intersystem channel paging system having a circuit for executing synchronous or asynchronous instructions for transferring messages between devices and a shared storage

Inventor: GREENFIELD JAMES D (US); MITCHELL JR MATTHEW J (US); (+1)

Applicant: IBM (US)

EC: G06F13/12P2

IPC: **G06F13/14; G06F13/12; G06F15/16 (+6)**

Publication info: **US5410655** - 1995-04-25

3 Improvements in Storage Devices

Inventor: ESSER GERHARD (DE)

Applicant: ESSER GERHARD (DE)

EC: A47B63/06D; B65G1/127

IPC: **A47B63/06; B65G1/127; A47B63/00 (+1)**

Publication info: **GB1197386** - 1970-07-01

4 Improvements in magnetic digital-data storage devices

Inventor:

Applicant: GERHARD DIRKS

EC: G06F7/24

IPC: **G06F7/24; G06F7/22**

Publication info: **GB786034** - 1957-11-13

Data supplied from the **esp@cenet** database - Worldwide

RESULT LIST

4 results found in the Worldwide database for:

primary and secondary in the title AND **synchronously** in the title or abstract

(Results are sorted by date of upload in database)

- 1 SOFT SWITCHING METHOD BY PRIMARY AND SECONDARY PWM CONTROL**
Inventor: SHINOZAKI KUNIO; SHIMIZU YOSHIFUMI; Applicant: NIPPON ELECTRIC IND (+1)
EC: IPC: **H02M3/28; H02M7/217; H02M3/24** (+3)
Publication info: **JP7075332** - 1995-03-17
- 2 Gear set for vehicle - has step gear with primary wheels having two primary shafts, and with secondary wheels possessing driven shaft and couplings**
Inventor: SELLE HANS-DIETER DR ING (DE) Applicant: UNIV DRESDEN TECH (DE)
EC: F16H3/00F; F16H37/04C IPC: **F16H3/00; F16H37/04; F16H3/00** (+3)
Publication info: **DE4109832** - 1992-10-01
- 3 Multistage fluid cylinder - has fluid chamber between cylinder and primary piston, which forms closed system with secondary piston**
Inventor: SUNDERMEYER WILFRIED (DE) Applicant: SUNDERMEYER WILFRIED (DE)
EC: F15B15/16 IPC: **F15B15/16; F15B15/00**; (IPC1-7): F15B15/16
Publication info: **DE4108207** - 1992-09-17
- 4 PRIMARY CLOCK AND SECONDARY CLOCK**
Inventor: SAKURAI YOSHIHIRO; TANAKA TOSHIAKI Applicant: MATSUSHITA ELECTRIC WORKS LTD
EC: G04G7/00 IPC: **G04G1/00; G04G7/00; G04G1/00** (+2)
Publication info: **JP58058490** - 1983-04-07

Data supplied from the esp@cenet database - Worldwide

RESULT LIST

Approximately **95** results found in the Worldwide database for:
writing in the title AND **synchronizing** in the title or abstract
 (Results are sorted by date of upload in database)

- 1 Magnetic tape drive and recording system therefor and method for writing received synchronized data to magnetic tape**
 Inventor: JAQUETTE GLEN ALAN (US); GRECO PAUL MERRILL (US); (+1) Applicant: IBM (US)
 EC: G11B20/10C; G11B20/12B; (+2) IPC: **G11B20/10; G11B20/12; G11B20/14** (+9)
 Publication info: **TW234768B** - 2005-06-21
- 2 Improvements in and relating to Magnetic Tape Reading and Writing Arrangements**
 Inventor: Applicant: EICHNER ORGANIZATION GMBH (DE)
 EC: G11B15/18B IPC: **G11B15/18; G11B15/18**
 Publication info: **GB1165290** - 1969-09-24
- 3 IMPROVEMENTS IN INK DROP WRITING SYSTEMS**
 Inventor: Applicant: DICK CO AB (US)
 EC: H04N1/034 IPC: **H04N1/034; H04N1/032; (IPC1-7): G01D15/18**
 Publication info: **GB1210203** - 1970-10-28
- 4 IMPROVEMENTS IN INK DROP WRITING SYSTEMS**
 Inventor: Applicant: DICK CO AB (US)
 EC: H04N1/034 IPC: **H04N1/034; H04N1/032; (IPC1-7): G01D15/18**
 Publication info: **GB1211955** - 1970-11-11
- 5 Writing synchronized data to magnetic tape**
 Inventor: JAQUETTE GLEN A (US); GRECO PAUL M (US); (+1) Applicant:
 EC: G11B20/10C; G11B20/12B; (+2) IPC: **G11B20/10; G11B20/12; G11B20/14** (+9)
 Publication info: **US2005128625** - 2005-06-16
- 6 Optical disk recorder for writing data with variable density**
 Inventor: TAMARU TAKUYA (JP); FUSHIKI TATSUO (JP); (+6) Applicant: YAMAHA CORP (US)
 EC: G11B7/0045; G11B7/007; (+5) IPC: **G11B7/0045; G11B7/007; G11B20/12** (+10)
 Publication info: **US2004228242** - 2004-11-18
- 7 Servo writing a disk drive by synchronizing a servo write clock to a high frequency signal in a spiral track**
 Inventor: LEE TEHRI S (US) Applicant: WESTERN DIGITAL TECH INC (US)
 EC: IPC: **G11B21/02; G11B21/02; (IPC1-7): G11B21/02**
 Publication info: **US6943978** - 2005-09-13
- 8 Servo data writing device**
 Inventor: FUKUSHI MASANORI (JP); ISHIJIMA MASARU (JP) Applicant: FUJITSU LTD (JP)
 EC: G11B5/596F IPC: **G11B5/596; G11B5/596; (IPC1-7): G11B5/09** (+2)
 Publication info: **US2004130817** - 2004-07-08
- 9 Optical disk device controlling a revolution of a recordable optical disk according to a displacement between a phase of a sector synchronizing signal generated from a data-writing reference clock signal and a phase of a synchronizing signal obtained...**
 Inventor: BANNO MASAHIKO (JP) Applicant:
 EC: G11B7/0037; G11B19/247 IPC: **G11B7/0037; G11B19/247; G11B7/0045** (+3)
 Publication info: **US2004057360** - 2004-03-25

**10 METHOD AND RELATED DEVICE FOR ACHIEVING STABLE WRITING
STATE OF COMPACT DISK DRIVE BY ADJUSTING WRITING CLOCK**

Inventor: LIAW CHIH-YANG (TW)

Applicant:

EC: G11B19/28; G11B27/19; (+1)

IPC: G11B19/28; G11B27/19; G11B27/24 (+5)

Publication info: US2003185114 - 2003-10-02

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